FORM P W G -45 WORK SLIP

Name of Work: Construction of Shops at HMT Layout and JP Park Double Road in ward no 17

Client: Bruhat Bangalore Mahanagar Palike

Agency:-

Item No	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
1	Earthwork excavation by manual means in ordinay soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. No. KBS 2.1(a) / 2.3.5	Cum	161.71	349.00	56436.79	199.65	349.00	69677.85	0.00	348.00	0.00	199.65	69677.85	13241.06	0.00	
2	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., including cost of chemical, diluting in water to one percent oncentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7	Sqm	52.02	124.00	6450.48	65.03	124.00	8063.10	297.98	124.00	36948.90	363.00	45012.00	38561.52	0.00	
3	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications.	Cum	21.01	2832.00	59500.32	26.26	2832.00	74375.40	6.74	2831.00	19073.86	33.00	93449.26	33948.94	0.00	
4	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	20.79	6055.00	125883.45	25.99	6055.00	157354.31	17.62	6584.00	116005.97	43.61	273360.28	147476.83	0.00	
5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	53.42	5358.00	286224.36	66.78	5358.00	357780.45	52.03	5555.00	288998.88	118.80	646779.33	360554.97	0.00	
6	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	3.34	6148.00	20534.32	4.18	6148.00	25667.90	10.68	6736.00	71906.80	14.85	97574.70	77040.38	0.00	

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		Unit	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Qty	Amount	Qty	Amount	Remarks
7	Providing and laying in Position reinforced M/s M25 with OPC @ 340kg/cum and 20mm and cement concrete of Design metal coarse aggregates @ 0.70 cum with 20mm and fine and down size graded granite super plasticizers @ 3 litres/50 kgs of cement, confirming to IS 9103-1999 reaffirmed-2008 at machine mixed, concrete confirming to IS aggregates of 0.47cum, with vibrated for all works in ground floor not exceeding 15 cms thick. walls, return walls, steps, foundation in layers not exceeding 15 cms thick. columns pillars, posts, cills, tanks, buttresses) including, footings, pedestals, retaining plinths etc., including, tanks, buttresses) including, footings, pedestals, retaining complete but excluding cost of all materials, bed blocks, anchor blocks & Providing and laying in position reinforcement as per specifications. Mix M25 with OPC @ 340kg/cum and 20mm and cement concrete of design metal coarse aggregates @ 0.70cum and fine and down size graded granite superplasticizer @3ltrs confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete land in layers not exceeding 15 cms thick. vibrated for all works in ground floor not exceeding 15 cms thick. lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, walls, walls (any thickness) buttresses, strong or lacing courses, limites, pillars, posts, struts, blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	40.05	6776.00	271378.80	0.00	6776.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	271378.80	0.00			
8	For First Floor	Cum	35.05	7048.00	247032.40	43.81	7048.00	308790.50	40.51	7594.00	307644.33	84.32	616434.83	369402.43	0.00				
9	For Second Floor																		
10	Providing and removing centering, shuttering, struting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Cum	17.92	7112.00	127447.04	0.00	7112.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
11	Providing and removing centering, shuttering, struting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Cum	7.20	7177.00	51674.40	0.00	7177.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
12	Providing and removing centering, shuttering, struting, propping etc., and removal of form work for suspended floors, landings, balconies and haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	119.95	301.00	36104.95	0.00	301.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
13	Providing and removing centering, shuttering, struting, propping etc., and removal of form work for sides and soffits of beams, beam slikes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level. - 0 to 5 mtrs. Specification No. KBS 4.6.2	Sqm	159.10	501.00	79709.10	0.00	501.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
14	Providing and removing centering, shuttering, struting, propping etc., and removal of form work for suspended floors, landings, balconies and haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	287.29	340.00	97678.60	337.35	340.00	114699.00	0.00	340.00	0.00	337.35	114699.00	137020.46	0.00				
15	Providing and removing centering, shuttering, struting, propping & including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	144.60	466.00	67383.60	180.75	466.00	84229.50	125.78	466.00	58611.15	306.53	142840.65	75457.05	0.00				
16	KSRB 4.6.11 :Providing and removing centering, shuttering, struting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2	Sqm	18.51	880.00	16288.80	0.00	880.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
		Sqm	23.52	606.00	14253.12	0.00	606.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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17	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggregtes @ 0.345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications————For Ground Floor	Sqm	5.76	513.00	2954.88	0.00	513.00	0.00	0.00	0.00	0.00	0.00	0.00	2954.88	
18	For First Floor	Sqm	2.88	518.00	1491.84	0.00	518.00	0.00	0.00	0.00	0.00	0.00	0.00	1491.84	
19	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels e tc., including edges including cost of all materials, labour complete as per specificaitons.	Sqm	8.64	377.00	3257.28	0.00	377.00	0.00	0.00	0.00	0.00	0.00	0.00	3257.28	
20	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 550————Ground Floor	Tonne	11.27	91591.00	1032230.57	6.73	91591.00	616315.84	0.00	0.00	0.00	6.73	616315.84	415914.73	
21	First Floor	Tonne	2.69	92399.00	248553.31	0.00	92399.00	0.00	0.00	0.00	0.00	0.00	0.00	248553.31	
22	Second Floor	Tonne	0.86	93206.00	80157.16	0.00	93206.00	0.00	0.00	0.00	0.00	0.00	0.00	80157.16	
23	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9	Cum	121.66	234.00	28468.44	80.15	234.00	18918.90	0.00	0.00	0.00	80.15	18918.90	9549.54	
24	Lead for disposal of earth shall be payable including loading and unloading up to 13.25kms.	Cum	40.05	98.00	3924.90	50.06	98.00	4906.13	68.74	98.00	6736.28	118.8	11642.40	7717.50	0.00
25	Providing and constructing load bearing wall with solid concrete blocks size 400x150x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4————Ground Floor	Sqm	100.86	1077.00	108626.22	0.00	1077.00	0.00	0.00	0.00	0.00	0.00	0.00	108626.22	
26	First Floor	Sqm	70.66	1115.00	78785.90	0.00	1115.00	0.00	0.00	0.00	0.00	0.00	0.00	78785.90	
27	Second Floor	Sqm	21.67	1153.00	24985.51	0.00	1153.00	0.00	0.00	0.00	0.00	0.00	0.00	24985.51	
28	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4————Ground Floor	Sqm	26.28	946.00	24860.88	0.00	946.00	0.00	0.00	0.00	0.00	0.00	0.00	24860.88	
29	First Floor	Sqm	34.14	983.00	33559.62	0.00	983.00	0.00	0.00	0.00	0.00	0.00	0.00	33559.62	
30	Second Floor	Sqm	26.82	1021.00	27383.22	0.00	1021.00	0.00	0.00	0.00	0.00	0.00	0.00	27383.22	
31	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification.————	Sqm	69.12	274.00	18938.88	86.40	274.00	23673.60	178.44	287.00	51213.36	264.84	72886.96	55948.08	0.00
32	First Floor	Sqm	37.12	280.00	10393.60	0.00	280.00	0.00	0.00	0.00	0.00	0.00	0.00	10393.60	
33	Second Floor	Sqm	16.24	287.00	4660.88	0.00	287.00	0.00	0.00	0.00	0.00	0.00	0.00	4660.88	

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34	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications ----------	Sqm	69.12	37.00	2557.44	86.40	37.00	3196.80	220.13	37.00	8144.63	306.53	11341.43	8783.99	0.00
35	Ground Floor	Sqm	37.12	44.00	1633.28	0.00	44.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1633.28
36	First Floor	Sqm	16.24	50.00	812.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	812.00
37	Second Floor Providing 15mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications ----------	Sqm	142.62	273.00	38935.26	178.28	273.00	48669.08	585.74	290.00	169863.15	764.01	218532.23	179596.97	0.00
38	First Floor	Sqm	147.31	279.00	41105.07	0.00	279.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41105.07
39	Second Floor	Sqm	30.74	286.00	8791.64	0.00	286.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8791.64
40	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications ----------	Sqm	138.84	322.00	44706.48	173.55	322.00	55883.10	336.03	341.00	114586.23	509.58	170469.33	125262.85	0.00
41	First Floor	Sqm	168.57	335.00	56470.95	0.00	335.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56470.95
42	Second Floor	Sqm	145.62	348.00	50675.76	0.00	348.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50675.76
43	KSRB15.5 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications ----------Ground Floor	Sqm	68.16	239.00	16290.24	0.00	239.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16290.24
44	First Floor	Sqm	33.93	245.00	8312.85	0.00	245.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8312.85
45	Extra for providing and mixing waterproofing compound in cement plaster for brick masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick cost of materials complete as per specifications.----------Ground Floor	Sqm	138.84	14.00	1943.76	173.55	14.00	2429.70	336.03	14.00	4704.42	509.58	7134.12	5190.36	0.00
46	First Floor	Sqm	168.57	27.00	4551.39	0.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4551.39
47	Second Floor	Sqm	145.62	40.00	5824.80	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5824.80
48	KSRB 15.10.3 Providing white washing to ceiling and / or sloping roof surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.	Sqm	122.48	15.00	1837.20	153.10	15.00	2296.50	111.74	15.00	1676.16	264.84	3972.66	2135.46	0.00
49	KSRB 15.10.1 Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.	Sqm	320.70	14.00	4489.80	400.88	14.00	5612.25	363.14	14.00	5083.89	764.01	10696.14	6206.34	0.00
50	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.	Sqm	443.18	91.00	40329.38	553.98	91.00	50411.73	474.88	91.00	43213.97	1028.85	93625.69	53296.31	0.00
51	Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	443.18	105.00	46533.90	553.98	105.00	58167.38	474.88	105.00	49862.27	1028.85	108029.64	61495.74	0.00
52	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.----------Ground Floor	Sqm	138.84	210.00	29156.40	173.55	210.00	36445.50	336.03	119.00	39987.57	509.58	76433.07	47276.67	0.00
53	First Floor	Sqm	168.57	218.00	36748.26	0.00	218.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36748.26
54	Second Floor	Sqm	145.62	227.00	33055.74	0.00	227.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33055.74

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55	Providing and laying flooring using prepolished, gang saw/water cut 19mm thick granite using silver grey granite / Multy Red / Ruby Red / Black / Hassan Green / River Pink Granite of width not less than 1200mm laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as	Sqm	59.76	2653.00	158543.28	74.70	2653.00	198179.10	113.87	3192.00	363469.05	188 / 498844.15	403104.87	0.00	
56	First Floor	Sqm	32.94	2656.00	86160.64	0.00	2656.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	86160.64	
57	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid with a bed of CM 1:3, 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide including cost of all materials, mortar, labour, curing etc., complete as per specification. ————Ground Floor	Sqm	14.34	8357.00	119839.38	0.00	8357.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	119839.38	
58	First Floor	Sqm	14.34	8359.00	119868.06	0.00	8359.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	119868.06	
59	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification.————————Ground Floor	Sqm	68.16	4129.00	281432.64	0.00	4129.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	281432.64	
60	First Floor	Sqm	15.97	4132.00	65988.04	0.00	4132.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	65988.04	
61	Providing and fixing for flooring 40mm thick sadarhalli grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM 1:3.————————Ground Floor	Sqm	9.36	2138.00	20011.68	0.00	2138.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	20011.68	
62	First Floor	Sqm	4.68	2140.00	10015.20	0.00	2140.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	10015.20	
63	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of	Sqm	14.24	1903.00	27098.72	17.80	1903.00	33873.40	5.00	1902.00	9510.00	220 / 41881.40	16284.68	0.00	
64	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications.———— Ground Floor	Sqm	18.70	7020.00	131274.00	0.00	7020.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	131274.00	
65	First Floor	Sqm	7.00	7026.00	49182.00	0.00	7026.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	49182.00	
66	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12----------Ground Floor	Kg	345.00	111.00	38295.00	431.25	111.00	47868.75	67.50	111.00	7492.50	498.75 / 55361.25	17066.25	0.00	
67	First Floor	Kg	172.50	117.00	20182.50	0.00	117.00	0.00	0.00	0.00	0.00	0.0 / 0.00	0.00	20182.50	

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Item No.	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
68	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using 2 angles of 25x25x3mm weighing 1.410 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28kg/m duly providing 1 section 19x19x3mm weighing 0.859 kg/m for glazing of windows for more than 34 cms c/c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel sections should confirm to IS 7452 1990. 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be fermoned and rivetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12.1 7.12.2, 7.12.3, 7.12 ---------d ground Floor	Sqm	1.20	4545.00	5454.00	0.00	4545.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5454.00	
69	First Floor	Sqm	0.60	4551.00	2730.60	0.00	4551.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2730.60	
70	Providing & fixing of glazed 3 Track - 2 Panel Sliding Door made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles through out the window. The sliding outer frame having a overall size of 60x45 mm with reinforcement of 1 mm thickness, super sas with overall size of 39x75 mm with reinforcement of 1.5mm thickness. Glazing bead for fixing of glass shall be of size 20x18 mm and coestruded with gasket. Fiber Glass mesh shall be provided in mesh shutter. Window Door shall be provided with 6 mm plain float glass, stgandard hardware & multi point locking system of patio espagnolette. Wall thickness of frame, mullion & sash shall be 2.2.2 mm	Sqm	18.90	6616.00	125042.40	19.95	6616.00	131989.20	0.00	0.00	0.00	19.95	131989.20	6946.80	0.00	
71	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member.	Mtrs	34.80	420.00	14616.00	0.00	420.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14616.00	
72	PVC DOOR SHUTTER : Supply and fixing of door shuttersmade of rigid PVC extruded hollow section of 20mm x 200mm with the wall thickness of 1.0mm +/-0.1mm equally divided into 4nos with tongue and groove locking arrangements. The shutter frame is made of 58x24 mm with the wall thickness of 1.5mm+ -0.15mm section metricut and joined at 4 corners with 125mmx225mm plastic brackets. The shutter shall be horizontally reinforced with 2nos of 8mm PVC rods. Teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door	Sqm	10.08	2081.00	20976.48	0.00	2081.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20976.48	
73	KSRB 9.4-2 : Providing Honne wood frames wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33	Cum	0.65	102134.00	66387.10	0.00	102134.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66387.10	

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S No.	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals anticipated	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty / Amount	Amount	Amount	
74	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34----------Ground Floor	Sqm	5.04	5510.00	27770.40	0.00	5510.00	0.00	0.00	0.00	0.00	0.00	0.00	27770.40	
75	First Floor	Sqm	2.52	5510.00	13885.20	0.00	5510.00	0.00	0.00	0.00	0.00	0.00	0.00	13885.20	
76	Second Floor	Sqm	2.52	5510.00	13885.20	0.00	5510.00	0.00	0.00	0.00	0.00	0.00	0.00	13885.20	
77	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.	Sqm	20.70	48.00	993.60	19.95	48.00	957.60	0.00	0.00	0.00	19.95	957.60	36.00	
78	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	20.70	111.00	2297.70	19.95	111.00	2214.45	0.00	0.00	0.00	19.95	2214.45	83.25	
79	Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.	Sqm	10.08	58.00	584.64	0.00	58.00	0.00	0.00	0.00	0.00	0.00	0.00	584.64	
80	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm	10.08	113.00	1139.04	0.00	113.00	0.00	0.00	0.00	0.00	0.00	0.00	1139.04	
81	0220Locking Arrangement	Each	26.00	595.00	15470.00	0.00	595.00	0.00	0.00	0.00	0.00	0.00	0.00	15470.00	
82	0178 Handles powder coated 150mm	Each	52.00	55.00	2860.00	0.00	55.00	0.00	0.00	0.00	0.00	0.00	0.00	2860.00	
83	0188 Hinges 5" heavy duty	Each	156.00	34.00	5304.00	0.00	34.00	0.00	0.00	0.00	0.00	0.00	0.00	5304.00	
84	0189 Hold fasts MS	Each	52.00	35.00	1820.00	0.00	35.00	0.00	0.00	0.00	0.00	0.00	0.00	1820.00	
85	0427 Tower bolt 300 mm long	Each	156.00	110.00	17160.00	0.00	110.00	0.00	0.00	0.00	0.00	0.00	0.00	17160.00	
86	0540 Screws	Nos	936.00	4.00	3744.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	3744.00	
87	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(External work and Burried). ----------25mm.dia..	Mtrs	230.00	209.00	48070.00	0.00	209.00	0.00	0.00	0.00	0.00	0.00	0.00	48070.00	
88	32mm.dia..	Mtrs	250.00	263.00	65750.00	0.00	263.00	0.00	0.00	0.00	0.00	0.00	0.00	65750.00	
89	40mm.dia..	Mtrs	180.00	340.00	61200.00	0.00	340.00	0.00	0.00	0.00	0.00	0.00	0.00	61200.00	
90	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specifications.	Set	4.00	1539.00	6156.00	0.00	1539.00	0.00	0.00	0.00	0.00	0.00	0.00	6156.00	
91	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.	Each	5.00	598.00	2990.00	0.00	598.00	0.00	0.00	0.00	0.00	0.00	0.00	2990.00	
92	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.----------a. 32mm.dia.,	Nos	4.00	598.00	2392.00	0.00	598.00	0.00	0.00	0.00	0.00	0.00	0.00	2392.00	
93	b. 40mm.dia..	Nos	4.00	1212.00	4848.00	0.00	1212.00	0.00	0.00	0.00	0.00	0.00	0.00	4848.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount
94	KSRB13-7.1-3 : Providing and fixing in position 40mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13 KSRB13-7.1-3 - do - 40 mm dia nominal bore	Each	5.00	1104.00	5520.00	0.00	1104.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5520.00
95	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications, Specification No. KBS	Pan	3.00	4088.00	12264.00	0.00	4088.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12264.00
96	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per	Each	3.00	5778.00	17334.00	0.00	5778.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17331.00
97	Providing and fixing white vitreous china clay, angle back wash basin size 600X480mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per	Unit	3.00	3833.00	11499.00	0.00	3833.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11499.00
98	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS	Each	10.00	222.00	2220.00	0.00	222.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2220.00
99	Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications.	Unit	6.00	862.00	5172.00	0.00	862.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5172.00
100	Providing and fixing chorinated poly vinyl Chloride (CPVC) 15mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and	Mtrs	300.00	240.00	72000.00	0.00	240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	72000.00
101	Providing and fixing chorinated poly vinyl Chloride (CPVC) 20mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and	Mtrs	250.00	274.00	68500.00	0.00	274.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	68500.00
102	Providing and fixing chorinated poly vinyl Chloride (CPVC) 25mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and	Mtrs	300.00	342.00	102600.00	0.00	342.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	102600.00

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Item No.	Tender Item No.		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Excess Amount	Savings Amount	Remarks
103	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3	Each	2.00	523.00	1046.00	0.00	523.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1046.00	
104	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS	Each	2.00	164.00	328.00	0.00	164.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	328.00	
105	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 40mm dia	Mtrs	80.00	266.00	21280.00	0.00	266.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21280.00	
106	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 75mm dia	Mtrs	50.00	380.00	19000.00	0.00	380.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19000.00	
107	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 110mm dia	Mtrs	50.00	525.00	26250.00	0.00	525.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26250.00	
108	Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm	Nos	2.00	9898.00	19796.00	0.00	9898.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19796.00	
109	Supplying heavy gauge PVC conduit pipe .....mm dia ..... mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary————19/20mm dia 2mm thick.	Mtrs	400.00	43.00	17200.00	0.00	43.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17200.00	
110	25mm dia 2mm thick.	Mtrs	250.00	57.00	14250.00	312.50	57.00	17812.50	137.50	62.00	8525.00	450.00	26137.50	12087.50	0.00	
111	32mm dia 2.5mm thick.	Mtrs	150.00	90.00	13500.00	0.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13500.00	
112	Groove cutting in walls Supplying heavy gauge PVC Conduit Pipe ....dia ....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.———— 19/20mm dia 2mm thick	Mtrs	180.00	55.00	9900.00	0.00	55.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9900.00	

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			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
113	25mm dia 2mm thick	Mtrs	100.00	58.00	5800.00	125.00	58.00	7250.00	325.00	63.00	20475.00	450.00	27725.00	21925.00	0.00	
114	32mm dia 2.5mm thick	Mtrs	100.00	87.00	8700.00	0.00	87.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8700.00	
115	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit GI pipe and plastering, finishing upto wall surface complete ----------upto 50mm conduit in brick wall	Mtrs	80.00	23.00	1840.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1840.00	
116	upto 50mm conduit CC floor	Mtrs	50.00	41.00	2050.00	0.00	41.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2050.00	
117	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required 25mm	Mtrs	250.00	26.00	6500.00	0.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6500.00	
118	Supplying And Fixing Metal Fan Box with Round Hook	Nos	20.00	92.00	1840.00	0.00	92.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1840.00	
119	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2X1.5Sq mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet GROUP A---------- Short point upto 3Mtr from tapping point to out let via switch	point	20.00	173.00	3460.00	25.00	173.00	4325.00	5.00	233.00	1165.00	30.00	5490.00	2030.00	0.00	
120	Medium point above 3M upto 6M from tapping point to out let via	point	15.00	270.00	4050.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4050.00	
121	Long point above 6Mtr upto 10M from tapping point to out let via	point	10.00	405.00	4050.00	0.00	405.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4050.00	
122	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches	point	25.00	513.00	12825.00	0.00	513.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12825.00	
123	Three outlet in a row, above 6Mtr upto 10Mtr from tapping point to out let via switches	point	25.00	729.00	18225.00	0.00	729.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18225.00	
124	Wiring for lighting power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments.----------1.5 sqmm	Mtrs	1000.00	22.00	22000.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22000.00	
125	2.5 sqmm	Mtrs	2000.00	35.00	70000.00	900.00	35.00	31500.00	0.00	0.00	0.00	900.00	31500.00	0.00	38500.00	
126	4 sqmm	Mtrs	1000.00	48.00	48000.00	0.00	48.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48000.00	
127	6 sqmm	Mtrs	500.00	75.00	37500.00	0.00	75.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37500.00	
128	10 sqmm	Mtrs	200.00	124.00	24800.00	0.00	124.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24800.00	
129	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/CC wall----------	Nos	25.00	103.00	2575.00	30.00	103.00	3090.00	0.00	0.00	0.00	30.00	3090.00	515.00	0.00	
130	4-5Way	Nos	20.00	113.00	2260.00	0.00	113.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2260.00	
131	6Way	Nos	25.00	135.00	3375.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3375.00	
132	8Way	Nos	15.00	157.00	2355.00	0.00	157.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2355.00	
133	10-12Way	Nos	8.00	178.00	1424.00	0.00	178.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1424.00	
134	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.----------1 to 3 Module	Nos	10.00	119.00	1190.00	12.50	119.00	1487.50	17.50	128.00	2240.00	30.00	3727.50	2537.50	0.00	
135	4 Module	Nos	10.00	135.00	1350.00	0.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1350.00	
136	6 Module	Nos	10.00	189.00	1890.00	0.00	189.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1890.00	
137	8 Module	Nos	3.00	216.00	648.00	0.00	216.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	648.00	
138	12 Module	Nos	2.00	248.00	496.00	0.00	248.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	496.00	
139	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.----------	Nos	20.00	76.00	1520.00	0.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1520.00	
140	6Amps two way	Nos	15.00	103.00	1545.00	0.00	103.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1545.00	
141	6Amps 3way socket.	Nos	5.00	113.00	565.00	6.25	113.00	706.25	23.75	122.00	2897.50	30.00	3603.75	3038.75	0.00	
142	Stepped Fan Regulator	Nos	8.00	313.00	2504.00	0.00	313.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2504.00	
143	16Amps one way switch	Nos	20.00	124.00	2480.00	0.00	124.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2480.00	
144	6/16Amps universal socket	Nos	12.00	175.00	2100.00	0.00	175.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2100.00	

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	Tender Item No.	Unit	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Excess Amount	Savings Amount	Remarks
	Supplying Mesan wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab	Nos	450.00	8.00	3600.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3600.00	
	Supplying and fixing one of 250 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using 6d screws	Nos	3.00	237.00	711.00	0.00	237.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	711.00	
	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Nos	25.00	315.00	7875.00	0.00	315.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7875.00	
	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden panel using necessary nuts bolts and washers	Nos	5.00	245.00	1225.00	0.00	245.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1225.00	
	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply With all accessories (SM Enclosure Sheet Metal Enclosure)	Nos	1.00	5721.00	5721.00	0.00	5721.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5721.00	
	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts, etc., with provision for fixing of suitable type capacity MCCBs as an incomer for 3 phase Double door withnecessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCBs as outgoings confirming to IS8828.	Nos	1.00	7557.00	7557.00	0.00	7557.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7557.00	
	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-1 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.----------6- 32 Amps SP Group'A'	Nos	2.00	469.00	938.00	0.00	469.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	938.00	
	5-32 Amps DP Group'A'	Nos	2.00	981.00	1962.00	2.50	981.00	2452.50	27.50	1059.00	29122.50	30.00	31575.00	29613.00	0.00	
	6-32Amps TPN	Nos	1.00	1851.00	1851.00	0.00	1851.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1851.00	
	50-63 Amps TPN	Nos	1.00	2588.00	2588.00	0.00	2588.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2588.00	
	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure II - Double Door----------12 way SPN	Nos	1.00	1943.00	1943.00	0.00	1943.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1943.00	
	4 way TPN	Nos	1.00	2861.00	2861.00	0.00	2861.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2861.00	
	6 way TPN	Nos	1.00	3595.00	3595.00	0.00	3595.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3595.00	
	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V up to 300mA sensitivity on existing wood/panel board---------- -25 Amps DP	Nos	2.00	3994.00	7988.00	0.00	3994.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7988.00	
	32 Amps 4 pole	Nos	1.00	4626.00	4626.00	0.00	4626.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4626.00	
	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/ manual reset facility suitable to mount on DIN rail flush mounting on panel board	Nos	1.00	8312.00	8312.00	0.00	8312.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8312.00	
	Supplying, fixing and wiring 3 Phase Digital Ammeter /Voltmeter.	Nos	2.00	1279.00	2558.00	0.00	1279.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2558.00	
	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy.	Nos	1.00	8366.00	8366.00	0.00	8366.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8366.00	
	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer Class 0.5 accuracy with Tape Wound.	Nos	2.00	505.00	1010.00	0.00	505.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1010.00	

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Item No.	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Rem
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
164	Supplying, fixing and wiring Electronic Tri-vector Meter (ETV) 5 to 32(6) Amps three phase 4 wire whole current class 1 Accuracy Energy	Nos	2.00	5122.00	10244.00	0.00	5122.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10244.00	
165	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24 D.C	Nos	1.00	464.00	1392.00	0.00	464.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1392.00	
166	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 3 phase, 400/440 volts grade, for power factor improvement of rotating machineries like induction motor	Nos	5.00	432.00	2160.00	0.00	432.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2160.00	
167	Supplying amps rated 1phase with neutral bus bar using required capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP 1MK insulator which are mounted on powder coated 40x40mm M.S flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete	Mtrs	6.00	2213.00	13278.00	0.00	2213.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13278.00	
168	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron, and M.S. flat with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint ———40*40*6mm	Mtrs	6.00	275.00	1650.00	0.00	275.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1650.00	
169	50X100X50X6mm C channel 50*6mm	Mtrs	5.00	680.00	3400.00	0.00	680.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3400.00	
170	Fabricating supplying and mounting MS box made out 14SWG suitable for flush wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete	Sqcm	40000.00	0.47	18800.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18800.00	
171	Supplying, fixing, wiring, earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit . The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Nos	3.00	3238.00	9714.00	0.00	3238.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9714.00	
172	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.90mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts	Nos	1.00	4480.00	4480.00	0.00	4480.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4480.00	
173	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip———GI Strip	Mtrs	4.00	81.00	324.00	0.00	81.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	324.00	
174	Copper strip 25x3mm	Mtrs	3.00	545.00	1635.00	0.00	545.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1635.00	
175	Supplying and running GI/Copper conductor for grounding and taking with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc	Mtrs	45.00	63.00	2835.00	0.00	63.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2835.00	
176	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated PVC extruded inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS 7098 Part-1. Armouring strip thickness in average +5% and resistivity 14.08ohms/Kms (Max) as per IS-3975	Mtrs	15.00	194.00	2910.00	0.00	194.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2910.00	

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Item No	Tender Item No.	Unit	Tender quantity Qty	Rate	Amount	Above 125% of tender quantity Qty	Rate	Amount	As per actuals/anticipated Qty	Rate	Amount	Excess Amount	Savings Amount	Remarks
	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench duct ————25 sqmm to 75 sqmm	Mtrs	10.00	17.00	170.00	0.00	17.00	0.00	0.00	0.00	0.00	0.00	170.00	
	On wall structure. 25 sqmm to 75 sqmm	Mtrs	10.00	38.00	380.00	0.00	38.00	0.00	0.00	0.00	0.00	0.00	380.00	
	Digging of trench of 0.6m deep * 0.50mtr wide refiling the trench to the required ground level & consolidating etc., complete. (As per Civil SR KSRB I-2, P 7)	Mtrs	15.00	110.00	1650.00	0.00	110.00	0.00	0.00	0.00	0.00	0.00	1650.00	
	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all round the cable.	Mtrs	15.00	108.00	1620.00	0.00	108.00	0.00	0.00	0.00	0.00	0.00	1620.00	
	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.	Mtrs	10.00	611.00	6110.00	0.00	611.00	0.00	0.00	0.00	0.00	0.00	6110.00	
	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)	Nos	20.00	126.00	2520.00	0.00	126.00	0.00	0.00	0.00	0.00	0.00	2520.00	
	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. ————2.5sqmm	Nos	20.00	4.00	80.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	80.00	
	4sqmm	Nos	15.00	8.00	120.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	120.00	
	6sqmm	Nos	12.00	8.00	96.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	96.00	
	10sqmm	Nos	12.00	9.00	108.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00	108.00	
	25 sqmm Long Barrel	Nos	15.00	22.00	330.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	330.00	
	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374 79 and also comply with IS:1709 1984 with latest amendment, Rated voltage 220 V 50 Hz, Rated power input 48 W +- 10 %, Rated current As per IS 374 79, Rated power factor 0.9 lagging(min), Rated speed 350 +- 10% RPM, Rated air delivery 210 +- 10% Cubic Meter Minimum, Rated service value > 4.2 CMM Watt, Three Blades of blade leaf 1.05mm thick Aluminium Alloy sheet, Class B motor insulation,Bearing Two ball bearings, Top 6202, Bottom 6201, as per IS specification, Motor wdg. Temp rise Shall not exceed 75 degC over and ambient of 40 0C by resistance method at 245Volts, Insulation resistance Shall not be less than Two Mega Ohms (2 M Ohms), Leakage current Should not exceed 210Micro Amp, Power input, watt& current, Air Delivery & Fan Speed as per IS:374 1979 with latest amendment, 2 year manufacturer Warranty 48" Sweep 5 Star (1200mm)	Nos	6.00	3131.00	18786.00	0.00	3131.00	0.00	0.00	0.00	0.00	0.00	18786.00	
	Supplying & fixing retrofit type -PI- LED Lamp 8-9W LED linear source with CCT 6500 degree K, CRI> 70% efficacy >80 lumen per watt, life > 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to beintegrated in the circuit, THD less than 20%. Life as per LM 79. The operating input voltage should be between 130 to275 volts. Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 8-9 Watts	Nos	15.00	378.00	5670.00	18.75	378.00	7087.50	11.25	405.00	4556.25	32.25	12656.25	6986.25	0.00	
	Supplying of ....feet - PVC Batten with integrated LED tube....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80 Power Input 220-240V @ 50-60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.LED light fighting 1 x 4'- 20 22 w————LED light fighting 1 x 4'- 20 22 w	Nos	6.00	405.00	2430.00	0.00	405.00	0.00	0.00	0.00	0.00	0.00	2430.00	
	LED light fighting 2 x 4'- 20 22 w	Nos	10.00	675.00	6750.00	0.00	675.00	0.00	0.00	0.00	0.00	0.00	6750.00	

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Item No	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
192	Supply of round/square recess surface mounted rolling type LED Down light with .....W GU 10 LED Lamp Rib Fabricated from Die cast aluminium with white powder coated prewired to mains connector & has swiveling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80, Power Input 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved 2 years Warranty against any manufacturing defect working under standard electrical condition LED square or round down light 15-18W	Nos	2.00	1241.00	2482.00	0.00	1241.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2482.00	
193	Fixing all types and all capacities of fluorescent / false ceiling/ spot light / CFL / LED fittings indoor on the wall / ceiling rafters / girders using 23/0.0076" twin twisted PVC insulatedwires, required Nos of round blocks and clamps.	Nos	50.00	119.00	5950.00	0.00	119.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5950.00	
194	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps, ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired	Nos	24.00	280.00	6720.00	0.00	280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6720.00	
195	Extra length of GI pipe of class B 19mm dia for down rod..	Nos	15.00	173.00	2595.00	0.00	173.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2595.00	

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Item No	Tender Item No	As per BOQ		Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			Remarks
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	
	KSRB 13.11 Providing and placing on terrace, polyethylene wat... storage tanks as per IS 12701 : 1996 with manhole lid and suitabl... locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22	Nos 2.00	7960.00	15920.00	0.00	7960.00	0.00	0.00	0.00	0.00	

Amount as per Schedule "B"	6401564.72	6401564.72
Total Rs	6401564.72	
Savings	4146728.81	
Excess	2208249.43	

Amount as per Execution	2618358.24
ERL Amount	648308134
Total Execution Cost	1934049.90
Total Execution Cost	6399677.31
	536626.00

Assistant Engineer
Ward No 37
BBMP, Bangalore

Asst Executive Engineer
[illegible]
BBMP, Bangalore

Executive Engineer
RR Nagar Division
BBMP, Bangalore

Contractor / Representative

Consultant / Representative

"Here by works slip amount Rs: 2208249/- (Rs: Twenty two lakhs Eight thousand two hundred forty nine only) is approved"

Workslip in approved

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